



16" Vertical Seam on 19/32" Plywood

Roof Fastener Spacing (feet)

Wind Speed (mph)
Exposure Category

120C

Roof Slope: 0.5:12 to 1.5:12			
Thickness	Field	Edge	Corner
0.032"	3.00	3.00	2.33

Roof Slope: 1.5:12 to 6:12		
Field	Edge	Corner
-18.8 psf 3.00	-33 psf 3.00	-49 psf 2.33

Roof Slope: 6:12 to 12:12		
Field	Edge	Corner
-20.6 psf 3.00	-24.2 psf 3.00	-24.2 psf 3.00

130C

Thickness	Field	Edge	Corner
0.032"	3.00	-40.9 psf 3.00	-61.8 psf 2.00

Field	Edge	Corner
-22.2 psf 3.00	-38.8 psf 3.00	-57.6 psf 2.00

Field	Edge	Corner
-24.2 psf 3.00	-28.4 psf 3.00	-28.4 psf 3.00

140C

Thickness	Field	Edge	Corner
0.032"	3.00	-47.5 psf 2.33	-71.7 psf 1.67

Field	Edge	Corner
-25.8 psf 3.00	-45.1 psf 2.67	-66.9 psf 1.67

Field	Edge	Corner
-28.2 psf 3.00	-33 psf 3.00	-33 psf 3.00

150C

Thickness	Field	Edge	Corner
0.032"	3.00	-54.6 psf 2.00	-82.4 psf 1.33

Field	Edge	Corner
-29.6 psf 3.00	-51.8 psf 2.33	-76.8 psf 1.33

Field	Edge	Corner
-32.4 psf 3.00	-38 psf 3.00	-38 psf 3.00

160C

Thickness	Field	Edge	Corner
0.032"	3.00	-62.2 psf 2.00	-93.8 psf 1.00

Field	Edge	Corner
-33.8 psf 3.00	-59 psf 2.00	-87.5 psf 1.33

Field	Edge	Corner
-36.9 psf 3.00	-43.2 psf 2.67	-43.2 psf 2.67

170C

Thickness	Field	Edge	Corner
0.032"	2.67	-70.3 psf 1.67	-105.9 psf 1.00*

Field	Edge	Corner
-38.2 psf 3.00	-66.7 psf 1.67	-98.8 psf 1.00

Field	Edge	Corner
-41.7 psf 2.67	-48.9 psf 2.33	-48.9 psf 2.33

180C

Thickness	Field	Edge	Corner
0.032"	2.33	-78.8 psf 1.33	-118.8 psf 1.00*

Field	Edge	Corner
-42.8 psf 2.67	-74.8 psf 1.33	-110.8 psf 1.00*

Field	Edge	Corner
-46.8 psf 2.33	-54.8 psf 2.00	-54.8 psf 2.00

190C

Thickness	Field	Edge	Corner
0.032"	2.33	-87.8 psf 1.33	-132.4 psf 1.00*

Field	Edge	Corner
-47.8 psf 2.33	-83.4 psf 1.33	-123.5 psf 1.00*

Field	Edge	Corner
-52.2 psf 2.33	-61.1 psf 2.00	-61.1 psf 2.00

Notes:

1. Allowable spacing is based on a Design Pressures listed in the FBC 2017 Approval, FL14645.7 and determined by linear interpolation of those values. 1/3 increase is not included for wind. The fasteners and patterns are shown in the Approval.

2. Allowable spacing is based on an applied load determined using ASCE 7-10 for the Wind Speeds, Wind Exposure Categories, " Roof Slopes, and Roof Zones shown, assuming 10 square feet of tributary area, Enclosed building, 3 or more span case, Topographic Factor of 1, and Mean Roof Height of 25 feet.

3. Allowable spacing is determined for wind suction using the combination $0.6DL + 0.6W$. Also considered is the appropriate inward wind pressure, 20 psf live load and the weight of the panel.

* - Indicates that Support Straps must be installed per the Approval.

- ① - FIELD
- ② - EDGE
- ③ - CORNER
- A - LEAST OF 10% MINIMUM BUILDING WIDTH OR 40% OF ROOF MEAN HEIGHT BUT NOT LESS THAN 3'-0"

